WHAT IS CLAIMED IS:

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1. A method for inducing a psoriasis-like syndrome in an animal, the method comprising:

transferring a purified CD45Rb positive T cell population from a donor animal to an immunocompromised animal host, wherein said T cell population is tolerant of the host major histocompatibility antigens but is immunoreactive with one or more of the host minor histocompatibility antigens;

administering at least one pro-inflammatory cytokine and at least one polyclonal activating agent to said immunocompromised animal host;

wherein said host develops a disease having characteristics of human psoriasis.

- 2. The method of claim 1, wherein said T cell population is CD4⁺ CD45Rb^{hi}.
- 3. The method of claim 1 wherein the donor and host animals are MHC matched.
 - 4. The method of Claim 1, wherein said immunodeficient animal is an immunodeficient rodent.
- The method of Claim 4, wherein said immunodeficient animal is a *scid-scid* mouse.
 - 6. The method of Claim 1, wherein said pro-inflammatory cytokine is interleukin-12.
 - 7. The method of Claim 6, wherein the dose of said IL-12 is at least about 0.1 ng/gram weight of host, and not more than about 2 ng/gram weight of host.
- 8. The method of Claim 7, wherein said IL-12 is administered at about one day and at about three days after transferring said T cell population.
 - 9. The method of Claim 1, wherein said polyclonal activating agent is an endotoxin.

- 10. The method of Claim 9, wherein the dose of said endotoxin is from about 0.1 μ g/g weight of host to about 5 μ g/g weight of host.
- 11. The method of Claim 1, wherein said polyclonal activating agent is a superantigen.
- 12. The method of Claim 11, wherein said superantigen is a bacterial superantigen.
- 13. The method of Claim 12, wherein the dose of said superantigen is from about 0.1 μ g/g weight of host to about 5 μ g/g weight of host.
 - 14. A method for screening a candidate therapy for efficacy in treatment of psoriasis, the method comprising:

transferring a purified CD45Rb positive T cell population from a donor animal to at least one immunocompromised animal host, wherein said T cell population is tolerant of the host major histocompatibility antigens, but is immunoreactive with one or more of the host minor histocompatibility antigens;

administering at least one pro-inflammatory cytokine and at least one polyclonal activating agent to said immunocompromised animal host; wherein said host develops a disease having characteristics of human psoriasis;

treating said animals with said candidate therapy;

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determining the severity of disease in the presence of said therapy,

wherein a decrease in severity of disease in the treated animals relative to control animals is indicative of efficacy in treatment.

- 15. The method of claim 14, wherein said T cell population is CD4⁺ CD45Rb^{hi}.
- 16. The method of claim 14 wherein said donor and host animals are MHC matched.
- 17. The method of Claim 14, wherein said therapy is treatment with a candidate pharmaceutical agent.
- 18. The method of Claim 17 wherein said candidate pharmaceutical agent is a monoclonal antibody.

- 19. A method of claim 18 wherein said antibody binds to an antigen selected from the group of interferon gamma, interleukin 12, E-selectin, P-selectin, CD3 or alphaE integrin subunit.
- 20. The method of Claim 14, wherein said immunodeficient animal is an immunodeficient mouse or rat.
- 21. The method of Claim 20, wherein said immunodeficient animal is a *scid-scid* nouse.

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- 22. The method of Claim 14, wherein said pro-inflammatory cytokine is interleukin-12.
- 15 23. The method of Claim 14, wherein said polyclonal activating agent is an endotoxin.
 - 24. The method of Claim 14, wherein said polyclonal activating agent is a superantigen.
 - A method of treating a patient suffering from psoriasis comprising the step of administering to the patient an antibody that binds to an antigen selected from the group of interferon gamma, interleukin 12, E-selectin, P-selectin, CD3 or alphaE integrin subunit.
- 25 26. A method of claim 25 wherein said antibody is a humanized antibody.
 - 27. A method of claim 26 wherein said antibody is the HuZAF, HuEP5C7, or HuM291 antibody.
- 28. An immunodeficient mouse induced to exhibit a psoriasis-like syndrome by transfer of minor histocompatability mismatched murine CD4⁺ CD45RB^{hi} T cells and administration of a proinflammatory lymphokine and a polyclonal lymphocyte activator.

- 29. A method of reducing the PASI of a patient suffering from psoriasis by at least 50%, comprising treating the patient with a neutralizing monoclonal antibody to interleukin 12.
- 30. The method of claim 29, wherein said antibody is humanized or human.
- 31. A method of treating psoriasis patients comprising the steps of (1) administering to the patients therapies that induce remission of their psoriasis, and then (2) treating the patients with a neutralizing monoclonal antibody to interleukin 12, wherein treatment with said antibody prolongs the median time to relapse by at least 50%.
 - 32. The method of claim 31, wherein said antibody is humanized or human.

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